Serial No. 09/668,623

determining 308 available communication resources on the analog telephone line; and instructions
for automatically configuring 338 the DSL modem based on the available communication resources.
Memory 202 also includes available communications resources 340 and a static list 342 of VPI/VCI
pairs that a DSLAM (Digital Subscriber Line Multiplexer) may be configured with, i.e., a DSL
modem can only communicate with a DSLAM, and out to a WAN (Wide Area Network), if both
the DSL modem and the DSLAM use a common VPI/VCI pair.

        Please amend the paragraph beginning on page 8, line 4 as follows:

        The instructions 308 for determining available communication resources on the analog
telephone line preferably further comprise instructions for automatically detecting 310 if a DSL
communication circuit exists on the analog telephone line 216 (FIG. 2). A DSL communication
circuit exists where a DSL "dial-tone" exists, i.e., where a communication circuit capable of
communicating data via a DSL modem is present on the analog line[[s]]. The instructions for
automatically detecting 310 if a DSL communication circuit exists further comprise: instructions for
establishing 312 a first connection between a first pair of [[lines]] wires (preferably either the inner
or the outer twisted pair [[212]] 118A or [[214]] 118B (FIG. 2)) of the analog telephone line 216 and
the DSL modem 128; instructions for ascertaining 314 whether a DSL communication circuit exists
on the first connection; instructions for generating 316 a second connection between a second pair
of [[lines]] wires (preferably the other of either the inner or the outer twisted pair [[212]] 118A or
[[214]] 118B (FIG. 2)) of the analog telephone line 216 and the DSL modem 128; instructions for
testing 318 whether a DSL communication circuit exists on the second connection; and instructions
for storing 320 results of the ascertaining and testing steps as at least part of the available
communication resources. The instructions for establishing 312 and generating 316 may further
comprise instructions for switching the relay 210 (FIG. 2) between the first and the second
connections.